



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/512,116	10/21/2004	Michael Heesemans	NL 020343	2347

24737 7590 04/18/2007  
PHILIPS INTELLECTUAL PROPERTY & STANDARDS  
P.O. BOX 3001  
BRIARCLIFF MANOR, NY 10510

EXAMINER
----------

COLAN, GIOVANNA B

ART UNIT	PAPER NUMBER
----------	--------------

2162

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	04/18/2007	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

ED

**Office Action Summary**

Application No.

10/512,116

Applicant(s)

HEESEMANS ET AL.

Examiner

Giovanna Colan

Art Unit

2162

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --****Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 26 January 2007.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1,3-19 and 21-29 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1,3-19 and 21-29 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                     | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

### DETAILED ACTION

1. This action is issued in response to the Amendment filed on 01/26/2007.
2. Claims 1, 5 – 6, 12 – 15, 17, 19, 23, and 29 were amended. Claims 2, and 20 were canceled. No claims were added.
3. This action is made Final.
4. Claims 1, 3 – 19, and 21 – 29 are pending in this application.
5. Applicant's arguments filed on 10/23/2006 have been fully considered but they are not persuasive.

### ***Claim Rejections - 35 USC § 102***

6. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

7. Claims 1 – 29 are rejected under 35 U.S.C. 102(e) as being anticipated by Berenson et al. (Berenson hereinafter) (US Patent Pub. App. No. 2003/0131355 A1, filed: November 27, 2001).

Regarding Claim 1, Berenson discloses a device for presenting data about programs from a number of program sources, the device comprising:

a table generator unit for generating an electronic program guide as a table (Page 2, [0024], lines 1 – 7, Berenson) comprising data about current program and following programs for each program source (Figure 7, Rugrats, 7 Days, Page 6, [0063], lines 6 – 11, Berenson),

a coding unit for selecting data about all programs starting within at least one first time interval (Page 2, [0025], lines 9 – 12, select a program, Berenson<sup>1</sup>) and coding the selected data with an additional code (Page 2, [0026] – [0027], lines 1 – 2 and 1 – 2, displayed time – by – suggested preferences; respectively, Berenson), and

a control unit for controlling the table generator unit and the coding unit (Page 3, [0040], lines 6 – 9, programming guide server, Berenson<sup>2</sup>); wherein the table generator unit is arranged to present the data about the programs (Figure 7, Page 5, [0062] and [0063], lines 1 – 6 and 1; respectively, Berenson), using source as a first parameter (Page 6, [0063], lines 8 – 11, Berenson<sup>3</sup>) and order of programs as a second parameter (Page 6, [0067], lines 3 – 5, Berenson<sup>4</sup>), with rows sorted in accordance with specific source (Figure 9, DRAMA, COMEDY, AND ACTION, Page 6, [0065], lines 3 – 7, Berenson<sup>5</sup>) and columns sorted in accordance with next program of each source (Figure 9, Page 6, [0063], lines 6 – 11, programs are then placed sequentially, Berenson) to present the selected data in accordance with the additional code (Page 3, [0040], lines 7 – 9, to filter the program listings information, Berenson).

---

<sup>1</sup> Wherein the computer user interface corresponds to the coding unit claimed.

<sup>2</sup> Wherein the step of using the information and filtering corresponds to the step of controlling as claimed.

<sup>3</sup> Wherein “7 Days” corresponds to the source claimed.

<sup>4</sup> Wherein the start time corresponds to the order of programs claimed.

<sup>5</sup> Wherein grouping the rows by genre (as shown in Figure 9: DRAMA, COMEDY, AND ACTION) corresponds the step of sorting rows in accordance with source as claimed.

Regarding Claim 3, Berenson discloses a device, wherein the table generator unit is arranged to present the data using a common visual identification for the time interval (Figure 8, Page 6 and 8, [0063] and [0115], lines 9 – 15 and 1 – 6; respectively, Berenson<sup>6</sup>).

Regarding Claim 4, Berenson discloses a device, wherein the common visual identification is a color associated with the time interval (Figure 8, Page 6 and 8, [0063] and [0115], lines 9 – 15 and 1 – 6; respectively, Berenson<sup>7</sup>).

Regarding Claim 5, Berenson discloses a device, further including a scrolling step calculation unit arranged to determine a scrolling step size based on a third parameter (Figure 9, Page 6, [0066], lines 7 – 9, Berenson<sup>8</sup>) and the control unit being arranged to control the scrolling step calculation unit (Figure 5, item 22, Personalization Database Server, Page 6, [0053], lines 1 – 4, Berenson) and scrolling data about programs of the different program sources in the table with said scrolling step size (Figure 9, Page 6, [0066], lines 7 – 9, Berenson<sup>9</sup>).

---

<sup>6</sup> Wherein the interval showed for the “ED” program (as displayed in Figure 8, interval 8 – 8:30) corresponds to the common visual identification claimed. The “ED” program shows the same box color for that interval (8:00 – 8:30pm as shown in that Figure).

<sup>7</sup> The table displayed in Figure 8 shows figures and colors according to the time intervals.

<sup>8</sup> Wherein the step of moving programs up to personals lineups and pushing down others corresponds to the step of scrolling data as claimed. In addition, Berenson further explicitly discloses the step of scrolling data as claimed (Page 9, [0120], lines 6 – 9, Berenson).

Regarding Claim 6, Berenson discloses a device for presenting data about programs from a number of program sources, the device comprising:

a table generator unit for generating an electronic program guide as a table comprising data about current program (Page 2, [0024], lines 1 – 7, Berenson) and following programs for each source (Figure 7, Rugrats, 7 Days, Page 6, [0063], lines 6 – 11, Berenson) and presenting the data about the programs (Figure 7, Page 5, [0062] and [0063], lines 1 – 6 and 1; respectively, Berenson), using source as a first parameter (Page 6, [0063], lines 8 – 11, Berenson<sup>10</sup>) and order of programs as a second parameter (Page 6, [0067], lines 3 – 5, Berenson<sup>11</sup>), with rows sorted in accordance with specific source (Figure 9, DRAMA, COMEDY, AND ACTION, Page 6, [0065], lines 3 – 7, Berenson<sup>12</sup>) and columns sorted in accordance with next program of each source (Figure 9, Page 6, [0063], lines 6 – 11, programs are then placed sequentially, Berenson), the selected data being presented in accordance with an additional code determined for each program (Page 3, [0040], lines 7 – 9, to filter the program listings information, Berenson);

a scrolling step calculation unit for determining a scrolling step size based on a third parameter (Figure 9, Page 6, [0066], lines 7 – 9, Berenson<sup>13</sup>), and

---

<sup>9</sup> Wherein the step of moving programs up to personals lineups and pushing down others corresponds to the step of scrolling data as claimed. In addition, Berenson further explicitly discloses the step of scrolling data as claimed (Page 9, [0120], lines 6 – 9, Berenson).

<sup>10</sup> Wherein “7 Days” corresponds to the source claimed.

<sup>11</sup> Wherein the start time corresponds to the order of programs claimed.

<sup>12</sup> Wherein grouping the rows by genre (as shown in Figure 9: DRAMA, COMEDY, AND ACTION) corresponds the step of sorting rows in accordance with source as claimed.

<sup>13</sup> Wherein the step of moving programs up to personals lineups and pushing down others corresponds to the step of scrolling data as claimed. In addition, Berenson further explicitly discloses the step of scrolling data as claimed (Page 9, [0120], lines 6 – 9, Berenson).

a control unit for controlling the table generator unit (Page 3, [0040], lines 6 – 9, programming guide server, Berenson<sup>14</sup>) and the scrolling step calculation unit (Figure 5, item 22, Personalization Database Server, Page 6, [0053], lines 1 – 4, Berenson) and arranged to scroll data about programs of the different program sources in the table with said step size (Figure 9, Page 6, [0066], lines 7 – 9, Berenson<sup>15</sup>).

Regarding Claim 7, Berenson discloses a device, wherein the third parameter is time (page 6, [0066], lines 3 – 5, time interval, Berenson).

Regarding Claim 8, Berenson discloses a device, wherein the step size is set to a second time interval (Page 6, [0066], lines 3 – 5, Berenson) and, for each scrolling step (Page 6, [0066], lines 7 – 9, are moved up to personal lineups, Berenson), the control unit is arranged to scroll all data concerning the programs of a program source if the data about a program of said program source has a start or stop time within the second time interval (Page 6, [0066], lines 2 – 9, Berenson<sup>16</sup>).

Regarding Claim 9, Berenson discloses a device, wherein the second time interval is set to a short fixed duration in comparison with a first time interval (Page 6, [0068], lines 1 – 4, Berenson).

---

<sup>14</sup> Wherein the step of using the information and filtering corresponds to the step of controlling as claimed.

<sup>15</sup> Wherein the step of moving programs up to personals lineups and pushing down others corresponds to the step of scrolling data as claimed. In addition, Berenson further explicitly discloses the step of scrolling data as claimed (Page 9, [0120], lines 6 – 9, Berenson).

Regarding Claim 10, Berenson discloses a device, wherein the scrolling step calculation unit is arranged to set the second time interval as the time between the starting time of a selected program and the starting time of any program having a starting time closest to and after the starting time of the selected program (Figure 9, Page 8, [0113], lines 8 – 17, Berenson).

Regarding Claim 11, Berenson discloses a device, wherein the scrolling step calculation unit is arranged to set the second time interval as the time between the starting time of a selected program and the starting time of the next program of the same program source (Figure 9, Page 8, [0113], lines 8 – 17, Berenson).

Regarding Claim 12, Berenson discloses a device, wherein the control unit is arranged to control, on the basis of the time relationship between the starting times of the programs, the scrolling step calculation unit to set the second time interval, such that a number of programs of program sources are scrolled at the same time (Page 8, [0113], lines 13 – 17, grids that do not include every show on each channel, Berenson).

Regarding Claim 13, Berenson discloses a program presentation apparatus for presenting programs from a number of program sources, the apparatus comprising:

---

<sup>16</sup> Wherein the step of finding all the programs on a specified time and further moving them up corresponds to the step of scrolling all data if the data about the program has a start or stop within the second time interval as claimed.

a receiving unit for receiving at least one signal containing data relating to programs of the different program sources (Page 2, [0023], lines 1 – 4, Berenson),

a table generator unit for generating an electronic program guide as a table comprising data about current program (Page 2, [0024], lines 1 – 7, Berenson) and following programs for each program source (Figure 7, Rugrats, 7 Days, Page 6, [0063], lines 6 – 11, Berenson), with rows sorted in accordance with specific source (Figure 9, DRAMA, COMEDY, AND ACTION, Page 6, [0065], lines 3 – 7, Berenson<sup>17</sup>) and columns sorted in accordance with next program of each source (Figure 9, Page 6, [0063], lines 6 – 11, programs are then placed sequentially, Berenson);

a coding unit for selecting data about all programs starting within at least one first time interval (Page 2, [0025], lines 9 – 12, select a program, Berenson<sup>18</sup>) and coding the selected data with an additional code (Page 2, [0026] – [0027], lines 1 – 2 and 1 – 2, displayed time – by – suggested preferences; respectively, Berenson), and

a control unit for controlling the table generator unit and the coding unit (Page 3, [0040], lines 6 – 9, programming guide server, Berenson<sup>19</sup>), wherein the table generator unit is further arranged to present the selected data in accordance with the additional code (Page 3, [0040], lines 7 – 9, to filter the program listings information, Berenson).

Regarding Claim 14, Berenson discloses a program presentation apparatus for presenting programs from a number of program sources, the apparatus comprising:

---

<sup>17</sup> Wherein grouping the rows by genre (as shown in Figure 9: DRAMA, COMEDY, AND ACTION) corresponds the step of sorting rows in accordance with source as claimed.

<sup>18</sup> Wherein the computer user interface corresponds to the coding unit claimed.

<sup>19</sup> Wherein the step of using the information and filtering corresponds to the step of controlling as claimed.

a receiving unit for receiving at least one signal containing data relating to programs of the different sources (Page 2, [0023], lines 1 – 4, Berenson),

a table generator unit for generating an electronic program guide as a table comprising data about current program (Page 2, [0024], lines 1 – 7, Berenson), and following programs for each program source (Figure 7, Rugrats, 7 Days, Page 6, [0063], lines 6 – 11, Berenson) and presenting the data about the programs (Figure 7, Page 5, [0062] and [0063], lines 1 – 6 and 1; respectively, Berenson), using source as a first parameter (Page 6, [0063], lines 8 – 11, Berenson<sup>20</sup>) and order of programs as a second parameter (Page 6, [0067], lines 3 – 5, Berenson<sup>21</sup>), with rows sorted in accordance with source (Figure 9, DRAMA, COMEDY, AND ACTION, Page 6, [0065], lines 3 – 7, Berenson<sup>22</sup>) and columns sorted in accordance with next program of each source (Figure 9, Page 6, [0063], lines 6 – 11, programs are then placed sequentially, Berenson)

a scrolling step calculation unit for determining a scrolling step size based on a third parameter (Page 9, [0120], lines 6 – 9, Berenson), and

a control unit for controlling the table generator unit (Page 3, [0040], lines 6 – 9, programming guide server, Berenson<sup>23</sup>) and the scrolling step calculation unit (Figure 5, item 22, Personalization Database Server, Page 6, [0053], lines 1 – 4, Berenson) and arranged to scroll data about programs of the different program sources in the table with

---

<sup>20</sup> Wherein "7 Days" corresponds to the source claimed.

<sup>21</sup> Wherein the start time corresponds to the order of programs claimed.

<sup>22</sup> Wherein grouping the rows by genre (as shown in Figure 9: DRAMA, COMEDY, AND ACTION) corresponds the step of sorting rows in accordance with source as claimed.

<sup>23</sup> Wherein the step of using the information and filtering corresponds to the step of controlling as claimed.

Art Unit: 2162

said step size (Figure 9, Page 6, [0066], lines 7 – 9, Berenson<sup>24</sup>), wherein selected data is presented in accordance with an additional code determined for each program (Page 3, [0040], lines 7 – 9, to filter the program listings information, Berenson).

Regarding Claim 15, Berenson discloses a computer program element comprising: computer program code means for causing the computer to execute generation of an electronic program guide as a table comprising data about current program (Page 2, [0024], lines 1 – 7, Berenson) and following programs of a number of program sources (Figure 7, Rugrats, 7 Days, Page 6, [0063], lines 6 – 11, Berenson),

presentation of the data about the programs (Figure 7, Page 5, [0062] and [0063], lines 1 – 6 and 1; respectively, Berenson) using program source as a first parameter (Page 6, [0063], lines 8 – 11, Berenson<sup>25</sup>) and order of programs as a second parameter (Page 6, [0067], lines 3 – 5, Berenson<sup>26</sup>), with rows sorted in accordance with specific source (Figure 9, DRAMA, COMEDY, AND ACTION, Page 6, [0065], lines 3 – 7, Berenson<sup>27</sup>) and columns sorted in accordance with next program of each source (Figure 9, Page 6, [0063], lines 6 – 11, programs are then placed sequentially, Berenson) to present the selected data in accordance with an additional

---

<sup>24</sup> Wherein the step of moving programs up to personals lineups and pushing down others corresponds to the step of scrolling data as claimed. In addition, Berenson further explicitly discloses the step of scrolling data as claimed (Page 9, [0120], lines 6 – 9, Berenson).

<sup>25</sup> Wherein "7 Days" corresponds to the source claimed.

<sup>26</sup> Wherein the start time corresponds to the order of programs claimed.

<sup>27</sup> Wherein grouping the rows by genre (as shown in Figure 9: DRAMA, COMEDY, AND ACTION) corresponds the step of sorting rows in accordance with source as claimed.

Art Unit: 2162

code determined for each program (Page 3, [0040], lines 7 – 9, to filter the program listings information, Berenson); and

scrolling of data about programs of the different program sources in the table with a scrolling step size determined by a third parameter (Figure 9, Page 6, [0066], lines 7 – 9, Berenson<sup>28</sup>).

Regarding Claim 16, Berenson discloses a computer program element, embodied on a computer-readable medium (Page 2, [0033], lines 3 – 12, Berenson).

Regarding Claim 17, Berenson discloses a computer program element comprising: computer program code means for causing the computer to execute the steps of:

generation of an electronic program guide as a table comprising data about current program (Page 2, [0024], lines 1 – 7, Berenson) and following programs of a number of program sources (Figure 7, Rugrats, 7 Days, Page 6, [0063], lines 6 – 11, Berenson),

selection of data about all programs starting within at least one first time interval from a number of programs of different program sources (Page 2, [0025], lines 9 – 12, select a program, Berenson<sup>29</sup>), with rows sorted in accordance with a specific source

---

<sup>28</sup> Wherein the step of moving programs up to personals lineups and pushing down others corresponds to the step of scrolling data as claimed. In addition, Berenson further explicitly discloses the step of scrolling data as claimed (Page 9, [0120], lines 6 – 9, Berenson).

<sup>29</sup> Wherein the computer user interface corresponds to the coding unit claimed.

(Figure 9, DRAMA, COMEDY, AND ACTION, Page 6, [0065], lines 3 – 7, Berenson<sup>30</sup>) and columns sorted in accordance with next program of each source (Figure 9, Page 6, [0063], lines 6 – 11, programs are then placed sequentially, Berenson);

coding of the selected data with an additional code (Page 2, [0026] – [0027], lines 1 – 2 and 1 – 2, displayed time – by – suggested preferences; respectively, Berenson), and

presentation of the selected data in accordance with the additional code (Page 3, [0040], lines 7 – 9, to filter the program listings information, Berenson).

Regarding Claim 18, Berenson discloses a computer program element, embodied on a computer-readable medium (Page 2, [0033], lines 3 – 12, Berenson).

Regarding Claim 19, Berenson discloses a method of presenting data about programs from a number of program sources, the method comprising the steps of:

receiving at least one signal containing data relating to programs of the different program sources (Page 2, [0023], lines 1 – 4, Berenson),

generating an electronic program guide as a table comprising data about current program (Page 2, [0024], lines 1 – 7, Berenson) and following programs for each program source (Figure 7, Rugrats, 7 Days, Page 6, [0063], lines 6 – 11, Berenson), with rows sorted in accordance with a specific source (Figure 9, DRAMA, COMEDY,

---

<sup>30</sup> Wherein grouping the rows by genre (as shown in Figure 9: DRAMA, COMEDY, AND ACTION) corresponds the step of sorting rows in accordance with source as claimed.

AND ACTION, Page 6, [0065], lines 3 – 7, Berenson<sup>31</sup>) and columns sorted in accordance with next program of each source (Figure 9, Page 6, [0063], lines 6 – 11, programs are then placed sequentially, Berenson)

selecting data about all programs starting within at least one first time interval (Page 2, [0025], lines 9 – 12, select a program, Berenson<sup>32</sup>),

coding the selected data with the additional code (Page 2, [0026] – [0027], lines 1 – 2 and 1 – 2, displayed time – by – suggested preferences; respectively, Berenson), and

presenting the selected data in accordance with the additional code (Page 3, [0040], lines 7 – 9, to filter the program listings information, Berenson).

Regarding Claim 20, Berenson discloses a method, wherein the step of generating comprises generating the table with rows sorted in accordance with program source (Figure 9, DRAMA, COMEDY, AND ACTION, Page 6, [0065], lines 3 – 7, Berenson<sup>33</sup>) and columns sorted in accordance with next program of each program source (Figure 9, Page 6, [0063], lines 6 – 11, programs are then placed sequentially, Berenson).

Regarding Claim 21, Berenson discloses a method, wherein the step of presenting comprises presenting the programs within the time interval, using a common

---

<sup>31</sup> Wherein grouping the rows by genre (as shown in Figure 9: DRAMA, COMEDY, AND ACTION) corresponds the step of sorting rows in accordance with source as claimed.

<sup>32</sup> Wherein the computer user interface corresponds to the coding unit claimed.

Art Unit: 2162

visual identification for the time interval (Figure 8, Page 6 and 8, [0063] and [0115], lines 9 – 15 and 1 – 6; respectively, Berenson<sup>34</sup>).

Regarding Claim 22, Berenson discloses a method, wherein the common visual identification is a color associated with the time interval (Figure 8, Page 6 and 8, [0063] and [0115], lines 9 – 15 and 1 – 6; respectively, Berenson<sup>35</sup>).

Regarding Claim 23, Berenson discloses a method of presenting data about programs from a number of program sources the method comprising the steps of:

generating an electronic program guide as a table comprising data about current program (Page 2, [0024], lines 1 – 7, Berenson) and following programs for each program source (Figure 7, Rugrats, 7 Days, Page 6, [0063], lines 6 – 11, Berenson),

presenting the data about the programs (Figure 7, Page 5, [0062] and [0063], lines 1 – 6 and 1; respectively, Berenson) using program source as a first parameter (Page 6, [0063], lines 8 – 11, Berenson<sup>36</sup>) and order of programs as a second parameter (Page 6, [0067], lines 3 – 5, Berenson<sup>37</sup>), with rows sorted in accordance with specific source (Figure 9, DRAMA, COMEDY, AND ACTION, Page 6, [0065], lines

---

<sup>33</sup> Wherein grouping the rows by genre (as shown in Figure 9: DRAMA, COMEDY, AND ACTION) corresponds the step of sorting rows in accordance with source as claimed.

<sup>34</sup> Wherein the interval showed for the "ED" program (as displayed in Figure 8, interval 8 – 8:30) corresponds to the common visual identification claimed. The "ED" program shows the same box color for that interval (8:00 – 8:30pm as shown in that Figure).

<sup>35</sup> The table displayed in Figure 8 shows figures and colors according to the time intervals.

<sup>36</sup> Wherein "7 Days" corresponds to the source claimed.

<sup>37</sup> Wherein the start time corresponds to the order of programs claimed.

Art Unit: 2162

3 – 7, Berenson<sup>38</sup>) and columns sorted in accordance with next program of each source (Figure 9, Page 6, [0063], lines 6 – 11, programs are then placed sequentially, Berenson);and

scrolling data about programs of the different program sources in the table with a scrolling step size determined by a third parameter (Figure 9, Page 6, [0066], lines 7 – 9, Berenson<sup>39</sup>), wherein the data is presented in accordance with an additional code determined for each program (Page 3, [0040], lines 7 – 9, to filter the program listings information, Berenson).

Regarding Claim 24, Berenson discloses a method, wherein the third parameter is time (page 6, [0066], lines 3 – 5, time interval, Berenson).

Regarding Claim 25, Berenson discloses a method, wherein the step size is set to a second time interval (Page 6, [0066], lines 3 – 5, Berenson) and the step of scrolling comprises, for each scrolling step (Page 6, [0066], lines 7 – 9, are moved up to personal lineups, Berenson), scrolling all data concerning the programs of a program source if the data about a program of said program source has a start or stop time within the second time interval (Page 6, [0066], lines 2 – 9, Berenson<sup>40</sup>).

---

<sup>38</sup> Wherein grouping the rows by genre (as shown in Figure 9: DRAMA, COMEDY, AND ACTION) corresponds the step of sorting rows in accordance with source as claimed.

<sup>39</sup> Wherein the step of moving programs up to personals lineups and pushing down others corresponds to the step of scrolling data as claimed. In addition, Berenson further explicitly discloses the step of scrolling data as claimed (Page 9, [0120], lines 6 – 9, Berenson).

<sup>40</sup> Wherein the step of finding all the programs on a specified time and further moving them up corresponds to the step of scrolling all data if the data about the program has a start or stop within the second time interval as claimed.

Regarding Claim 26, Berenson discloses a method, wherein the second time interval is of a short fixed duration in comparison with the length of a first time interval (Page 6, [0068], lines 1 – 4, Berenson).

Regarding Claim 27, Berenson discloses a method, further comprising the step of selecting a program, which selection sets the second time interval as the time between the starting time of the selected program and the starting time of any program having a starting time closest to and after the starting time of the selected program (Figure 9, Page 8, [0113], lines 8 – 17, Berenson).

Regarding Claim 28, Berenson discloses a method, further comprising the step of selecting a program, which selection sets the second time interval as the time between the starting time of the selected program and the starting time of the next program of the same program source (Figure 9, Page 8, [0113], lines 8 – 17, Berenson).

Regarding Claim 29, Berenson discloses a method, wherein the second time interval setting is selected on the basis of the time relationship between the different programs of the program sources, such that a number of programs of program sources are scrolled at the same time (Page 8, [0113], lines 13 – 17, grids that do not include every show on each channel, Berenson).

### ***Response to Arguments***

1. Applicant argues that the prior art fails to disclose the amended limitation; "with rows sorted in accordance with a specific source and columns sorted in accordance with next program of each source".

Examiner respectfully disagrees. The applied prior art does disclose: with rows sorted in accordance with source (Figure 9, DRAMA, COMEDY, AND ACTION, Page 6, [0065], lines 3 – 7, Berenson) and columns sorted in accordance with next program of each source (Figure 9, Page 6, [0063], lines 6 – 11, programs are then placed sequentially, Berenson). Wherein grouping the rows by genre (as shown in Figure 9: DRAMA, COMEDY, AND ACTION) corresponds the step of sorting rows in accordance with source as claimed.

2. Applicant argues that the prior art fails to disclose; "determining a code for each program and that the presentation is further based on the determined code".

Examiner respectfully disagrees. In response to applicant's argument that the reference fail to show certain features of applicant's invention, it is noted that the features upon which applicant relies (determining a code for each program and that the presentation is further based on the determined code) are not recited in the rejected claim(s). Although the claims are interpreted in light of the specification, limitations from the specification are not read into the claims. See *In re Van Geuns*, 988 F.2d 1181, 26 USPQ2d 1057 (Fed. Cir. 1993).

***Conclusion***

1. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.
  
2. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

***Prior Art Of Record***

1. Berenson et al. (US Patent Pub. App. No. 2003/0131355 A1, filed: November 27, 2001) discloses a program guide system.
2. Grauch et al. (US Patent No. 6,983,478 B1) discloses method and system for tracking network use.
3. Shine et al. (US Patent No. 6,556,221 B1) discloses extended elements and mechanisms for displaying a rich graphical user interface in panel subunit.

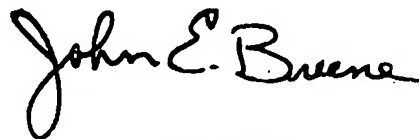
***Points Of Contact***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Giovanna Colan whose telephone number is (571) 272-2752. The examiner can normally be reached on 8:30 am - 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Breene can be reached on (571) 272-4107. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Giovanna Colan  
Examiner  
Art Unit 2162  
April 9, 2007



JOHN BREENE  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100